

12-18-01

A/Box 502

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
1148DTotal Pages in this Submission  
3**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**NUCLEOTIDE SEQUENCES MEDIATING MALE STERILITY AND METHOD OF USING SAME**

and invented by:

ALBERTSEN, Marc  
FOX, Tim  
TRIMNELL, Mary

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/670,153

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 29 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

12/14/01

JC914 U.S. PTO

JC781 U.S. PTO  
10/02/01  
12/14/01

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3

## Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)

a. ☐ Formal Number of Sheets \_\_\_\_\_  
b. ☒ Informal Number of Sheets 21

4. ☒ Oath or Declaration

- a. ☐ Newly executed (original or copy) ☐ Unexecuted  
b. ☒ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)  
c. ☒ With Power of Attorney ☐ Without Power of Attorney  
d. ☒ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5. ☒ Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Computer Program in Microfiche (Appendix)

7. ☒ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)

- a. ☒ Paper Copy  
b. ☒ Computer Readable Copy (identical to computer copy)  
c. ☒ Statement Verifying Identical Paper and Computer Readable Copy

## Accompanying Application Parts

8. ☐ Assignment Papers (cover sheet & document(s))

9. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)

10. ☐ English Translation Document (if applicable)

11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations

12. ☒ Preliminary Amendment

13. ☒ Acknowledgment postcard

14. ☒ Certificate of Mailing

☐ First Class ☒ Express Mail (Specify Label No.): EE170079597US

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## (Large Entity)

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### Fee Calculation and Transmittal

#### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	27	- 20 =	7	x \$18.00	\$126.00
Indep. Claims	17	- 3 =	14	x \$84.00	\$1,176.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$740.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$2,042.00

- ☒ A check in the amount of **\$2,042.00** to cover the filing fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge and credit Deposit Account No. as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
  - ☐ Credit any overpayment.
  - ☐ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

*Patricia A. Swamy*  
Signature

Dated: December 14 2001

cc:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

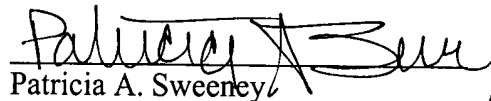
Applicant: Marc Albertsen et al.		Art Unit:
Serial No.:		
Filed: September 26, 2000		Examiner:
For: Nucleotide Sequences Mediating Fertility and Method of Using Same		Confirmation No.

**CERTIFICATE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EE170079597US

Date of Deposit: December 14 2001

I hereby certify that the attached Patent Application including 29 pages of specification and 21 sheets of drawings, plus a copy of the Declaration, copy of sequence listing, including paper copy and electronic copy, copy of statement regarding sequence listing, preliminary amendment with clean copy of claims, transmittal letter and a check in the amount of \$2,042.00, is being mailed by being deposited with the United States Postal Service as Post-Office-to-Addressee Express Mail addressed to the United States Patent and Trademark Office, Box Patent Application, Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231. A duplicate copy of this document is also included.

  
Patricia A. Sweeney

12/14/01  
Date

10021657-121401